

United States of America
Department of Transportation -- Federal Aviation Administration
Supplemental Type Certificate

Number ST02877AT

This certificate issued to United Parcel Service Company
1400 N. Hurstbourne Parkway
Louisville, KY 40223

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.

Original Product - Type Certificate Number : See attached
Make : FAA Approved Model List (AML)
Model : UPS Engineering Report AER04-3440-0032 for a list of
Approved Airplane Models

Description of Type Design Change: Upgrade of existing Mode S Transponders to ACSS Mode S Transponder P/N 7517800-10005 in accordance with United Parcel Service Master Drawing Lists AER04-3440-0024, AER04-3440-0028, AER04-3440-0029, AER07-3440-0097 and AER07-3440-0102, Revision C, dated 1/29/10, or later FAA approved revision.

Limitations and Conditions : This approval should not be extended to other aircraft of this model on which other previously approved modifications are incorporated, unless it is determined by the installer that the interrelationship between this change and any other previously approved modifications will produce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission. FAA approved Airplane Flight Manual Supplements for United Parcel Service ACSS Mode S Transponder dated March 11, 2010 are a required part of this STC.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of application : April 2, 2004

Date reissued :

Date of issuance : June 7, 2004

Date amended : March 11, 2010



By direction of the Administrator

for

Melvin D. Taylor
Manager
Atlanta Aircraft Certification Office

(Title)

United States of America
Department of Transportation – Federal Aviation Administration
Supplemental Type Certificate
(Continuation Sheet)

Number ST02877AT

Certification Basis:

Based on 14 CFR §§ 21.115 and 21.101, and the FAA policy for significant changes in FAA Order 8110.48, the certification basis for parts changed or affected by the change since the reference date of application, October 5, 2009, is based upon part 25 as amended by Amendment 25-123 and are determined to be the following:

Regulations at the latest amendment 25-0 through 25-123

§§ 25.1301 §§ 25.1353 §§ 25.1529 §§ 25.1581 §§ 25.1583

14 CFR Part 26 Regulations

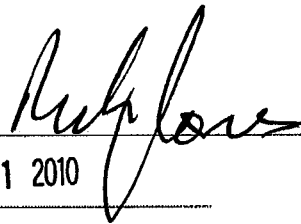
Based on 14 CFR § 21.101(g), applicable provisions of 14 CFR part 26 are included in the certification basis. For any future 14 CFR part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations: 14 CFR § 26.11 (Amdt. No 26-1 through 26-3)

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Approved Model List STC ST02877AT

Installation of Dual Mode-S Transponder on A300, B747-400, B757, B767 and MD-11
Project # ST10423AT
Revision C

FAA Approval



Date **MAR 11 2010**

Associate Manager
Atlanta Aircraft Certification Office

Revision History

Revision A:

Updated all existing MDLs and added 2 new A/C models.

Revision B:

Updated A300 and B747 MDLs

Revision C:

Updated Master Drawing Lists for the five effective aircraft types.

APPROVED BY: _____ SIGN AND DATE	APPROVED BY: _____ SIGN AND DATE	APPROVED BY: _____ SIGN AND DATE
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Item	Aircraft Make	Aircraft Model	Original T.C. Number	Master Drawing List No. / Revision and Date	AFM Supplement No./ Date	AML Amendment Date
1	Boeing	B757	A2NM	AER04-3440-0028 Rev. C Date 1/07/2010	AER09-3440-0055	N/A
2	Boeing	B767	A1NM	AER04-3440-0029 Rev. C Date 1/29/2010	AER09-3440-0059	N/A
3	McDonnell Douglas	MD11	A22WE	AER04-3440-0024 Rev. C Date 1/29/2010	AER09-3440-0061	N/A
4	Boeing	B747	A20WE	AER07-3440-0097 Rev. C Date 1/07/2010	AER09-3440-0057	N/A
5	Airbus	A300	A35EU	AER07-3440-0102 Rev. C Date 1/29/2010	AER09-3440-0053	N/A